

Rank in U.S. agriculture by selected commodities, 2006

Rank	Item	Unit	Quantity	Percent of U.S.	Leading state
1	Beans, dry, black	Cwt	1,670	62.8	Michigan
	Beans, dry, cranberry	Cwt	115	77.2	Michigan
	Beans, dry, small red	Cwt	390	60.1	Michigan
	Blueberries	Pounds	83,000	30.1	Michigan
	Cherries, tart	Pounds	190,000	72.0	Michigan
	Cucumbers (for pickles)	Tons	172.6	34.2	Michigan
	Flowering hanging baskets	Number	5,674	18.4	Michigan
	Geraniums (seed and cuttings)	Pots	23,982	35.4	Michigan
	Impatiens	Flats	2,152	21.6	Michigan
	Petunias	Flats	1,590	21.2	Michigan
2	Beans, dry, all	Cwt	4,085	16.8	North Dakota
	Beans, dry, dark red kidney	Cwt	42	5.1	Minnesota
	Beans, dry, light red kidney	Cwt	175	23.6	Minnesota
	Beans, dry, navy	Cwt	1,520	34.9	North Dakota
	Carrots (fresh market)	Cwt	800	3.0	California
	Celery	Cwt	900	5.0	California
	Hostas	Pots	1,071	12.7	South Carolina
	Marigolds	Flats	760	17.9	California
	Squash	Cwt	1,764	18.6	Georgia
	Apples	Pounds	850,000	8.6	Washington
3	Asparagus	Cwt	257	20.8	California
	Grapes, Niagara	Tons	8.1	15.3	Washington
	Other potted perennials	Pots	15,125	10.8	California
	Vegetable type bedding plants	Flats	648	13.3	Texas
	Beans, snap (processing)	Tons	66.0	8.4	Wisconsin
4	Carrots (processing)	Tons	39.1	9.0	California
	Cherries, sweet	Tons	21.5	7.3	Washington
	Cucumbers (fresh market)	Cwt	884	8.9	Georgia
	Grapes, Concord	Tons	15.4	4.1	Washington
	Plums	Tons	3.6	1.8	California
	Sugarbeets	Tons	3,573	10.6	Minnesota
	Grapes, all	Tons	32.5	0.5	California
5	Maple syrup	Gallons	78	5.4	Vermont
	Pumpkins	Cwt	855	8.4	Illinois
	Milk	Pounds	7,100,000	3.9	California
10	Potatoes	Cwt	14,190	3.3	Idaho
	Wheat, winter	Bushels	47,450	3.7	Kansas
11	Corn, for grain	Bushels	288,120	2.7	Iowa
12	Soybeans	Bushels	89,550	2.8	Iowa
13	Hogs, as of Dec. 1, 2006	Head	1,000	1.6	Iowa
16	Hay, all	Tons	3,670	2.6	California
21	Cash receipts	Dollars	4,487,765	1.9	California
30	Cattle, as of Jan. 1, 2007	Head	1,060	1.1	Texas

Number of farms and land in farms by economic sales class, 2002-2006¹

Year	Economic sales class					Total	Average size of farm
	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000+		
<i>1,000 farms</i>							
2002	31.7	15.1	3.2	1.8	1.5	53.3	
2003	31.7	15.1	3.2	1.8	1.5	53.3	
2004	31.4	15.0	3.1	1.9	1.8	53.2	
2005	31.1	15.0	3.2	1.8	1.9	53.0	
2006	31.1	14.8	3.3	1.8	2.0	53.0	
<i>Million acres</i>							
2002	1.99	2.66	1.63	1.59	2.22	10.09	189
2003	2.00	2.60	1.65	1.59	2.25	10.09	189
2004	1.90	2.60	1.60	1.60	2.40	10.10	190
2005	1.90	2.50	1.60	1.60	2.50	10.10	191
2006	1.85	2.40	1.60	1.60	2.65	10.10	191

¹ USDA estimates of farm number and land in farms are based on the definition "a farm is any establishment from which \$1,000 or more of agricultural products were sold or would normally be sold during the year."

Farm real estate: Values and cash rents, 2003-2007

Year	Farm real estate average value per acre	Cropland		Pasture
		Average value per acre	Average cash rent per acre	Average value per acre
	Dollars	Dollars	Dollars	Dollars
2003	2,680	2,350	60	1,600
2004	2,920	2,550	62	1,800
2005	3,150	2,750	62	1,950
2006	3,500	3,000	65	2,150
2007	3,950	3,450	73	2,570

Farm Income

Net farm income in 2006 rose 9 percent from last year to a record high \$1.38 billion. That includes \$248 million of government payments. The total agriculture output was \$5.39 billion dollars, up 5 percent from 2005. Production expenses were \$2.44 billion in 2006, down 3 percent from the previous year.

Preliminary cash receipts from 2006 marketings of Michigan crops, livestock and livestock products totaled \$4.49 billion, up 6 percent from 2005. Michigan ranked 21 nationally in total cash receipts.

Crop receipts, at \$2.83 billion, were up 14 percent from 2005. Increases were noted in the market value of field crops, fruit crops, and vegetables. Livestock cash receipts were down 4 percent from a year earlier to \$1.65 billion.

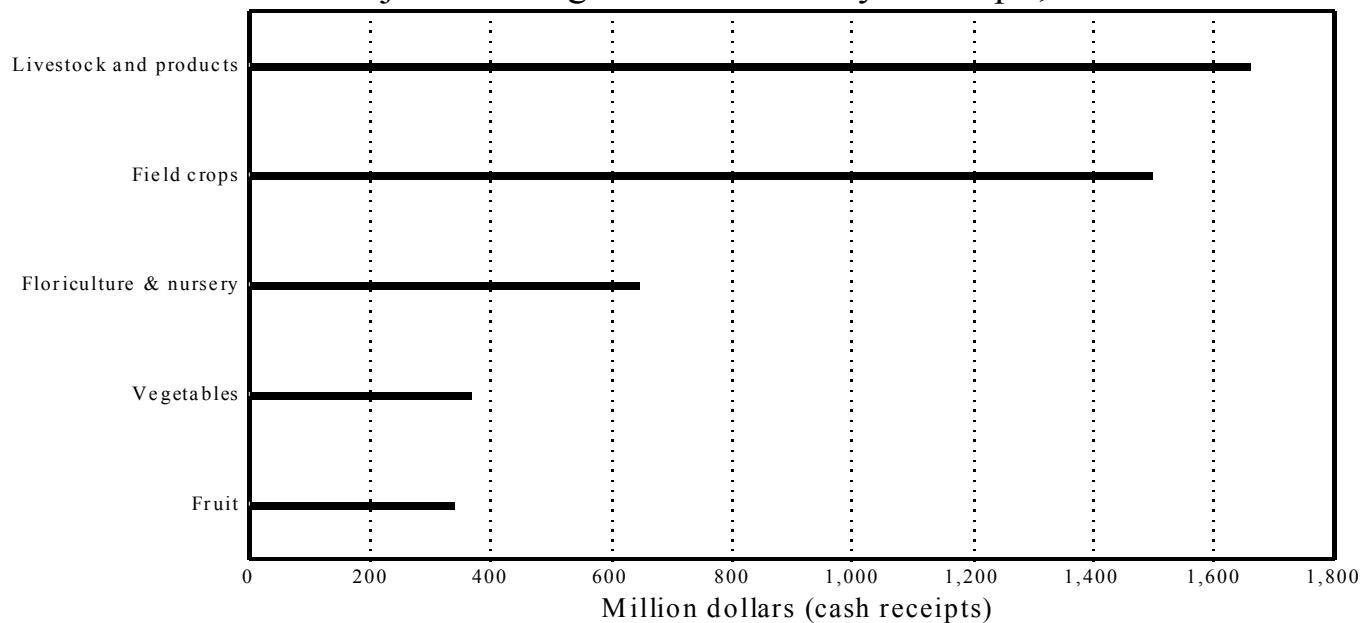
In 2006, the top ten Michigan commodities ranked by cash receipts were milk, floriculture and nursery, corn, soybeans, cattle and calves, hogs, wheat, blueberries, sugarbeets, and hay.

Government payments, 2002-2006¹

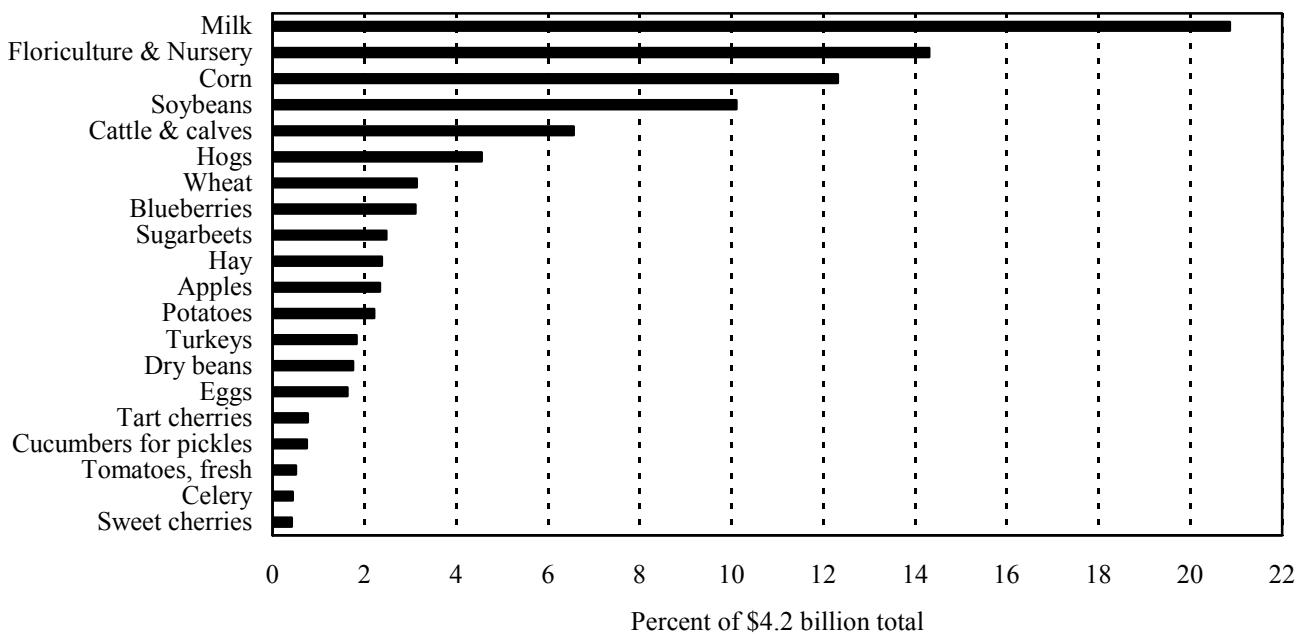
Program	2002	2003	2004	2005	2006
	1,000 dollars				
Conservation programs	28,459	32,084	32,595	41,846	51,279
Production flexibility contract payments	60,211	-5,402	-104	-2	NA
Direct payments	1,707	122,094	89,513	89,782	85,951
Counter-cyclical payments	NA	6,150	5,805	70,996	72,304
Loan deficiency payments	24,391	897	56,370	129,548	15,570
Miscellaneous programs	8,492	118	2,001	7,100	1,891
Ad Hoc and emergency programs	30,285	61,660	20,729	47,859	1,829
Milk income loss payments	36,946	37,992	8,404	542	18,819
Total	190,491	255,593	215,313	387,671	247,643

¹ Source: U.S. Department of Agriculture, Economic Research Service.

Major Michigan Commodity Groups, 2006



Top 20 Commodities in Cash Receipts, 2006



Value added to the economy by the Michigan agricultural sector 2002-2006¹

Item ²	2002	2003	2004	2005	2006
	Million dollars				
Value of crop production	2,270.6	2,387.7	2,675.9	2,498.5	2,881.1
Food grains	94.4	139.0	118.5	117.0	141.8
Feed crops	438.1	500.6	507.3	469.9	664.2
Oil crops	364.0	421.0	377.5	433.1	454.9
Fruits and tree nuts	156.0	250.9	292.8	277.0	333.0
Vegetables, potatoes, dry beans	400.1	420.2	437.9	399.9	440.4
All other crops	732.2	732.1	783.5	799.1	799.1
Home consumption	6.3	3.9	1.8	2.6	1.3
Value of inventory adjustment ³	79.6	-80.0	156.7	-0.2	46.4
Value of livestock production	1,286.2	1,452.7	1,750.0	1,773.6	1,705.6
Meat animals	371.7	385.1	522.5	511.5	502.2
Dairy products	733.3	795.7	1,022.8	1,031.0	936.3
Poultry and eggs	133.3	170.3	174.5	136.3	165.3
Miscellaneous livestock	51.7	50.8	49.4	49.0	50.6
Home consumption	2.3	6.3	11.4	8.9	9.8
Value of inventory adjustment ³	-6.1	44.7	-30.6	36.8	41.4
Revenues from services and forestry	635.1	695.3	776.4	841.8	802.1
Machine hire and custom work	35.8	29.9	29.7	50.8	29.8
Forest products sold	11.9	11.9	11.9	11.9	11.9
Other farm income	123.8	172.3	210.5	216.7	166.3
Gross imputed rental value-farm dwellings	463.5	481.1	524.3	562.4	594.1
Value of agricultural sector production	4,191.9	4,535.7	5,202.3	5,113.8	5,388.8
less: Purchased inputs	2,304.6	2,485.8	2,495.5	2,519.3	2,443.8
Farm origin	708.0	781.5	771.8	781.3	800.5
Feed purchased	344.2	411.6	426.9	405.0	429.8
Livestock and poultry purchased	42.0	40.7	53.2	65.8	69.7
Seed purchased	321.9	329.3	291.7	310.5	301.1
Manufactured inputs	680.8	713.5	743.5	774.8	794.8
Fertilizers and lime	232.6	251.8	291.5	308.5	304.1
Pesticides	225.3	236.9	217.6	198.2	198.2
Petroleum fuel and oils	149.9	170.5	167.6	210.9	234.0
Electricity	73.0	54.3	66.9	57.2	58.5
Other purchased inputs	915.8	990.7	980.2	963.1	848.5
Repair and maintenance of capital items	297.8	279.1	280.1	259.0	288.5
Machine hire and custom work	72.5	51.8	55.8	74.8	62.5
Marketing, storage, and transp. expenses	120.3	82.9	129.6	170.6	154.2
Contract labor	20.0	32.5	31.3	16.3	8.9
Miscellaneous expenses	405.2	544.4	483.3	442.4	334.4
plus: Net government transactions	-45.8	21.6	11.3	170.0	2.4
plus: Direct Government payments	190.5	255.6	215.3	387.7	247.6
less: Motor vehicle reg. and licensing fees	8.7	7.4	7.9	8.5	10.0
less: Property taxes	227.6	226.6	196.1	209.2	235.3
Gross value added	1,841.5	2,071.5	2,718.2	2,764.6	2,947.3
less: Capital consumption	614.0	635.6	675.4	720.0	754.0
Net value added	1,227.5	1,435.9	2,042.7	2,044.6	2,193.4
less: Payments to stakeholders	828.4	686.5	738.0	779.8	816.2
Employee compensation (total hired labor)	573.8	462.9	544.2	478.9	500.8
Net rent received by nonoperator landlords	26.1	19.3	-7.9	70.7	54.3
Real estate and nonreal estate interest	228.6	204.3	201.7	230.2	261.1
Net farm income	399.0	749.4	1,304.7	1,264.8	1,377.1

¹ Source: U.S. Department of Agriculture, Economic Research Service.

² Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

³ A positive value of inventory change represents current-year production not sold by December 31. A negative value is an offset to production from prior years included in current-year sales.

Cash receipts by commodity groups and selected commodities 2002-2006¹

Item	2002	2003	2004	2005	2006
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Total cash receipts	3,474,709	3,865,550	4,286,694	4,224,000	4,487,765
Total livestock and products	1,289,953	1,401,811	1,769,215	1,727,877	1,654,370
Meat animals	371,705	385,053	522,510	511,508	502,151
Cattle and calves	204,587	207,722	282,708	277,781	294,626
Hogs	164,324	173,671	236,002	229,852	204,514
Sheep and lambs	2,794	3,660	3,800	3,875	3,011
Dairy (milk)	733,260	795,690	1,022,825	1,031,030	936,320
Poultry and eggs	133,282	170,298	174,472	136,327	165,273
Eggs	63,237	93,613	94,313	61,870	73,097
Turkeys	62,832	68,760	69,560	67,500	82,156
Other	7,213	7,925	10,599	6,957	10,020
Miscellaneous livestock	51,706	50,770	49,408	49,012	50,626
Honey	7,762	6,782	4,965	4,243	5,069
Mink pelts	1,809	1,744	2,045	2,379	3,075
Trout	663	691	790	793	783
Other	41,472	41,553	41,608	41,597	41,699
Total crops	2,184,756	2,463,739	2,517,479	2,496,123	2,833,395
Field crops	1,093,882	1,277,977	1,185,567	1,242,261	1,491,573
Corn	383,009	437,210	445,751	371,784	552,798
Dry beans	49,450	63,264	60,779	75,979	78,519
Hay	50,337	58,269	57,800	93,415	106,925
Soybeans	363,489	420,346	376,716	432,343	453,919
Sugarbeets	122,393	124,780	90,790	111,387	111,387
Wheat	93,871	138,470	117,925	116,029	140,765
Other	31,333	35,638	35,806	41,324	47,260
Vegetables	350,636	356,908	377,137	323,881	361,882
Asparagus	11,703	19,278	17,468	12,006	14,866
Beans, snap	16,321	11,208	18,660	23,135	17,723
Carrots	19,934	21,907	17,899	18,666	17,293
Celery	14,441	17,641	15,215	10,493	19,920
Corn, sweet	16,800	14,193	13,904	16,000	16,434
Cucumbers, fresh	20,520	20,890	22,274	14,976	16,354
Cucumbers, pickles	30,153	36,180	35,363	26,611	33,492
Onions	9,851	11,065	10,518	8,128	7,699
Peppers, green, fresh	9,600	9,900	13,572	9,016	9,126
Potatoes	93,143	87,400	93,739	87,590	99,122
Pumpkins	13,056	14,308	13,104	9,048	9,405
Squash	22,365	15,314	16,240	16,337	14,994
Tomatoes, fresh	12,810	16,456	26,208	16,720	23,000
Tomatoes, processing	10,458	10,408	8,789	(²)	10,049
Other	49,481	50,760	54,184	55,155	52,405
Fruit	156,030	250,887	292,751	277,014	333,009
Apples	68,008	79,303	96,272	90,298	105,116
Blueberries	52,240	63,105	97,210	83,500	139,747
Grapes	14,760	21,086	13,690	21,518	9,658
Peaches	4,452	7,790	10,274	7,982	13,066
Strawberries	5,228	6,320	4,005	4,878	6,285
Sweet cherries	2,222	10,795	16,311	16,732	18,992
Tart cherries	7,192	57,938	49,861	47,555	34,697
Other	1,928	4,550	5,128	4,551	5,448
Miscellaneous crops	21,430	20,413	13,869	4,065	4,538
Floriculture and nursery	562,778	557,554	648,155	648,902	642,393

¹ Source: U.S. Department of Agriculture, Economic Research Service.

² Not published to avoid disclosure of individual operations.

Soybean production costs and returns, excluding direct Government payments, 2004-2005

Item	United States		Northern Crescent ¹	
	2004	2005	2004	2005
	<i>Dollars per planted acre</i>			
Gross value of production	253.46	264.57	213.54	248.25
Operating costs:				
Seed	29.71	32.62	29.56	31.69
Fertilizer	8.09	10.06	12.15	15.28
Soil conditioners	0.13	0.13	0.26	0.27
Manure	0.48	0.60	1.87	2.30
Chemicals	16.07	13.59	16.73	13.64
Custom operations	6.38	6.67	9.36	9.81
Fuel, lube, and electricity	9.44	13.62	10.73	15.10
Repairs	10.70	11.29	11.83	12.82
Purchased irrigation water	0.13	0.13	0.00	0.00
Interest on operating capital	0.64	1.50	0.73	1.70
Total, operating costs	81.77	90.21	93.22	102.61
Allocated overhead:				
Hired labor	2.04	2.03	3.28	3.30
Opportunity cost of unpaid labor	16.12	16.77	21.67	22.25
Capital recovery of machinery and equipment	47.49	50.17	51.46	55.80
Opportunity cost of land (rental rate)	83.88	86.68	71.37	71.96
Taxes and insurance	5.85	6.06	7.45	7.75
General farm overhead	11.86	12.47	14.31	15.06
Total, allocated overhead	167.24	174.18	169.54	176.12
Total, costs listed	249.01	264.39	262.76	278.73
Value of production less total costs listed	4.45	0.18	-49.22	-30.48
Value of production less operating costs	171.69	174.36	120.32	145.64
Supporting information:				
Yield (bushels per planted acre)	45	47	38	43
Price (dollars per bushel at harvest)	5.60	5.68	5.59	5.72
Enterprise size (planted acres) ²	268	268	135	135
Production practices:				
Irrigated (percent)	9	9	3	3
Dryland (percent)	91	91	97	97

¹ Includes NE Minnesota, Wisconsin, Michigan, NE Ohio, Pennsylvania, New York, and New England.

² Developed from survey base year, 2002.

Livestock and products: Marketing year average prices received by farmers, 2002-2006

Year	All hogs per cwt	All beef per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt	Turkeys per pound ⁴
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2002	30.70	54.20	39.00	60.50	1,580	104.00	0.402	12.10	0.35
2003	35.00	63.00	41.60	72.00	1,370	92.50	0.595	12.60	0.36
2004	45.90	68.70	50.40	76.60	1,640	109.00	0.562	16.30	0.37
2005	46.70	73.20	52.10	82.20	1,840	132.00	0.346	15.40	0.40
2006	42.00	71.90	49.10	81.60	1,930	134.00	0.366	13.30	0.47

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

⁴ Data not available prior to 1999.

Livestock and products: Monthly prices received by farmers, 2006-2007

Month	Beef cattle per cwt ¹	Cows per cwt ²	Steers and heifers per cwt	Milk cows per head ³	Calves per cwt	Market eggs per dozen	All milk wholesale per cwt
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2006							
January	75.90	50.00	87.00			0.360	14.90
February	74.50	50.00	85.00			0.280	14.20
March	73.40	51.00	83.00			0.460	13.30
April	71.30	51.00	80.00			0.270	12.40
May	70.30	50.00	79.00			0.220	12.20
June	71.00	50.00	80.00			0.360	12.20
July	71.60	49.50	81.00			0.250	12.20
August	71.90	49.50	81.50			0.350	12.40
September	73.30	49.50	83.50			0.320	13.20
October	72.50	49.00	82.50			0.330	14.00
November	70.30	46.50	80.50			0.620	14.30
December	68.30	44.50	78.50			0.600	14.50
2007							
January	69.40	44.50	80.00			0.770	15.00
February	71.80	48.00	82.00			0.630	15.30
March	76.00	49.00	87.50			0.640	16.00
April	78.70	50.00	91.00			0.540	16.90
May	80.70	52.00	93.00			0.590	18.20
June	78.30	51.00	90.00			0.480	20.40
July	75.50	51.00	86.00			0.800	22.50
August							
September							
October							
November							
December							

¹ Combined price for "Cows" and "Steers and Heifers."

² Beef cows and cull dairy cows sold for slaughter.

³ Sold for dairy herd replacement only. Prices published January, April, July, and October.

Dry edible beans: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
September	5	12	25	31	23
October	13	27	14	20	29
November	23	16	18	4	6
December	18	4	8	5	6
January	11	4	4	3	5
February	9	2	4	5	3
March	7	8	6	5	3
April	4	2	3	3	1
May	2		10	1	2
June	2	3	3	2	7
July	1	4	3	2	1
August	5	18	2	19	14

Corn: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
October	9	15	7	11	17
November	27	23	20	21	13
December	8	10	21	12	9
January	10	14	13	11	11
February	4	8	8	7	8
March	3	6	6	5	6
April	5	6	5	4	8
May	3	6	3	5	6
June	5	3	5	7	5
July	10	4	4	6	5
August	9	3	4	6	6
September	7	2	4	5	6

Hay: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
June	18	16	13	14	14
July	17	13	12	12	15
August	16	8	11	9	13
September	6	5	8	6	13
October	6	7	7	6	13
November	7	8	8	8	5
December	6	11	8	9	5
January	6	9	8	10	5
February	6	9	8	9	5
March	4	6	7	7	4
April	4	5	6	6	4
May	4	3	4	4	4

Oats: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
July	19	16	9	2	26
August	19	50	55	28	40
September	4	7	8	32	3
October	3	5	6	3	2
November	2	1	2	2	2
December	6	2	2	4	3
January	5	2	2	3	5
February	2	1	2	4	7
March	28	5	5	4	6
April	2	4	5	5	3
May	6	6	1	4	1
June	4	1	3	9	2

Soybeans: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
September	2	5	3	5	13
October	25	30	40	20	28
November	20	9	7	16	5
December	6	9	11	7	7
January	9	10	11	7	9
February	4	9	6	10	5
March	6	5	6	8	6
April	2	7	4	5	6
May	2	5	2	5	7
June	7	6	3	11	4
July	9	3	5	3	5
August	8	2	2	3	5

Wheat: Percent of sales by month, 2001-2006

Month	2001-02	2002-03	2003-04	2004-05	2005-06
	Percent	Percent	Percent	Percent	Percent
July	50	49	42	41	48
August	18	19	33	18	19
September	7	8	5	10	8
October	4	6	3	4	3
November	2	1	3	4	2
December	4	1	3	3	3
January	4	4	5	4	4
February	3	2	3	8	5
March	1	1	3	4	4
April	4	2		2	1
May	1	2		1	2
June	2	5		1	1

Crops: Marketing year average prices received by farmers, 2001-2005¹

Marketing year	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2001	2.34	3.28	1.80	5.62	15.30	NA	7.80	84.50	86.50
2002	2.37	3.25	1.65	7.30	19.30	NA	7.05	93.00	97.00
2003	1.97	3.01	1.72	5.72	22.50	NA	6.95	94.50	97.50
2004	1.88	3.13	1.89	5.73	19.60	NA	7.90	90.00	92.00
2005	3.20	3.40	1.85	6.10	19.20	NA	8.45	93.50	97.00

¹ Marketing year average prices received by farmers are based on monthly prices weighted by monthly marketings during specific periods. Prices do not include allowance for CCC loans outstanding, purchases by the government, or deficiency payments.

Crops: Monthly prices received by farmers, 2005-2006 marketing years

2005-2006 Marketing years	Corn per bushel	Winter wheat per bushel	Oats per bushel	Soybeans per bushel	Dry beans per cwt	Navy beans per cwt	Fall potatoes per cwt	All hay per ton	Alfalfa hay per ton
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
2005									
June								83.00	85.00
July		3.18	2.06				8.30	79.00	80.00
August		3.06	1.75				6.10	88.00	90.00
September		2.94	1.81	5.81	19.30	19.50	5.80	93.00	95.00
October	1.71	2.99	1.88	5.78	19.10	19.20	6.90	93.00	95.00
November	1.62	2.91	1.81	5.62	18.60	18.60	7.40	92.00	95.00
December	1.66	3.00	2.12	5.67	20.30	18.50	7.90	91.00	95.00
2006									
January	1.85	3.12	1.82	5.93	19.70	18.40	8.50	95.00	100.00
February	1.93	3.24	1.89	5.81	20.00	19.10	8.80	102.00	105.00
March	1.95	3.39	1.93	5.62	22.10	19.10	9.00	101.00	105.00
April	2.04	3.23	2.01	5.64	21.90	19.20	10.50	101.00	105.00
May	2.16	3.39	2.00	5.72	20.80	19.00	11.10	97.00	100.00
June	2.11	3.14	1.87	5.70	19.60	18.70	(¹)		
July	2.18			5.65	21.70	19.90			
August	2.05			5.40	20.00	19.70			
September	2.05								
2006									
June								89.00	95.00
July		3.29	1.83				10.10	84.00	90.00
August		3.11	1.70				7.10	83.00	85.00
September		3.23	1.68	5.32	19.20	18.20	7.05	93.00	95.00
October	2.42	3.76	1.88	5.47	18.80	17.80	6.85	98.00	100.00
November	2.76	4.06	2.26	5.97	19.70	17.90	8.05	97.00	100.00
December	3.00	4.22	1.99	6.09	20.10	17.70	8.45	101.00	105.00
2007									
January	3.27	3.81	1.94	6.29	20.80	19.40	8.75	104.00	110.00
February	3.42	3.78	2.43	6.81	24.90	21.10	8.95	106.00	110.00
March	3.37	3.72	2.59	6.67	24.20	21.20	9.45	106.00	110.00
April	3.35	3.94	2.49	6.77	24.60	23.00	10.00	101.00	105.00
May	3.48	4.02	2.61	7.13	24.30	23.50	10.20	101.00	105.00
June	3.75	4.41	2.67	7.45	24.00	23.80	(¹)		
July	3.38			7.56	28.10	24.40			
August									
September									

¹ Insufficient sales to establish a price.

Prices paid by farmers, 2003-2007¹

Item	Unit	2003	2004	2005	2006	2007
		Dollars	Dollars	Dollars	Dollars	Dollars
Dairy feed, 16% protein ²	Ton	190	216	188	216	241
Hog concentrate, 38-42% protein ²	Ton	313	393	332	342	366
Soybean meal, 44% protein ²	Cwt	11.70	17.40	11.90	13.10	14.40
Gasoline, unleaded, bulk ²	Gallon	1.64	1.76	2.21	2.59	2.62
Diesel fuel ²	Gallon	1.28	1.32	1.97	2.29	2.47
Tractor, 110-129 hp ³	Each	63,800	65,700	68,500	70,900	74,000
Tractor, 200-280 hp, 4-wd ³	Each	133,000	141,000	142,000	150,000	154,000
Planter, row crop, 8-row ³	Each	30,000	32,000	31,400	34,100	33,500
Grain drill, press, 23-25 openers ³	Each	20,300	22,600	25,200	25,200	26,100
Combine, self-prop. w/ grain head, large cap. ³	Each	159,000	180,000	192,000	201,000	213,000
Ammonium nitrate ⁴	Ton	224	243	269	427	364
Muriate of potash 60-62% K ₂ O ⁴	Ton	162	178	242	271	277
Superphosphate, 44-46% P ₂ O ₅ ⁴	Ton	238	261	295	315	409
Anhydrous ammonia ⁴	Ton	368	387	429	543	536
Atrazine, 4#/gallon ³	Gallon	12.30	12.20	12.40	12.10	12.20
Roundup, 4#/gallon EC ³	Gallon	43.30	39.70	33.80	29.30	28.90
Harness, Surpass, 6.4-7#/gallon EC ³	Gallon	68.20	71.40	67.60	68.90	69.20
Dual, 8#/gallon EC ³	Gallon	104.00	106.00	108.00	107.00	(⁵)
Captan, 50% WP ³	Pound	3.50	3.52	3.65	3.87	4.59
Ziram, 76% WP ³	Pound	2.70	2.67	2.86	2.88	3.08
Guthion, 50% WP ³	Pound	10.60	10.70	10.80	11.40	11.70
Imidan, Prolate, 50% WP ³	Pound	7.40	7.45	8.32	8.44	9.05

EC=Emulsifiable concentrate. WP=Wettable powder.

¹ Regional and U.S. data only.

² Lake States region: Michigan, Minnesota, and Wisconsin.

³ United States.

⁴ North Central region: Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin.

⁵ Discontinued in 2007.

Farm production expenses, 2002-2006

Item	2002	2003	2004	2005	2006
	Million dollars				
Feed purchased	344.2	411.6	426.9	405.0	429.8
Livestock and poultry purchased	42.0	40.5	53.2	65.8	69.7
Seed purchased	321.9	329.3	291.7	310.5	301.1
Fertilizers and lime	232.6	251.8	291.5	308.5	304.1
Pesticides	225.3	236.9	217.6	198.2	198.2
Petroleum fuel and oils	149.9	170.5	167.6	210.9	234.0
Electricity	73.0	54.3	66.9	57.2	58.5
Repair and maintenance of capital items	297.8	279.1	280.1	259.0	288.5
Machine hire and custom work	72.5	39.3	55.7	74.8	62.5
Contract and hired labor expenses	593.7	507.8	575.6	495.2	507.6
Marketing, storage, and transportation expenses	120.3	82.9	129.6	170.6	106.3
Capital consumption	614.0	635.6	675.6	719.8	754.0
Real estate and nonreal estate interest	228.6	204.3	201.7	230.2	261.1
Property taxes	227.6	226.6	196.1	209.2	235.3
Net rent received by nonoperator landlords	23.8	14.3	-13.8	66.6	51.3
Miscellaneous expenses	405.2	548.7	470.2	442.4	443.4
Total production expenses	3,972.4	4,033.6	4,085.9	4,223.9	4,305.2

Farm Labor

Hired farm workers: Annual average wage rates, 2002-2006

Year	All hired workers	Field workers	Field and livestock workers
	Dollars per hour	Dollars per hour	Dollars per hour
2002	9.62	8.62	8.66
2003	9.74	8.42	8.86
2004	9.40	8.32	8.65
2005	9.79	8.57	8.89
2006	9.95	9.20	9.22

Agricultural Exports

Michigan ranked nineteenth in agricultural exports for fiscal year 2006. The table below shows the value of agricultural exports by commodity group. The data are calculated annually by commodity based on each State's share of the U.S. agricultural production. The top five commodities accounted for approximately

74 percent of the State's agricultural exports. The total value of agricultural exports from Michigan in 2006 was estimated at \$1.2 billion.

Michigan agricultural exports: Fiscal year 2006¹

Commodity	Value <i>Million dollars</i>	Percent of total <i>Percent</i>	Rank in U.S. <i>Number</i>
Soybeans and products	233.0	20.1	12
Feed grains and products	216.6	18.6	12
Other ²	201.1	17.3	12
Vegetables and preparations	114.3	9.8	8
Fruits and preparations	97.6	8.4	5
Dairy products	70.9	6.1	9
Wheat and products	66.0	5.7	25
Live animals and meat, excluding poultry	50.3	4.3	20
Hides and skins	33.5	2.9	13
Feeds and fodders	30.0	2.6	23
Seeds	23.0	2.0	10
Poultry and products	17.7	1.5	25
Fats, oils, and greases	7.2	0.6	11
Total	1,161.2		19

¹ Source: U.S. Department of Agriculture, Economic Research Service, www.ers.usda.gov/data/fatus.

² Sugar and tropical products, minor oilseeds, essential oils, beverages other than juice, nursery and greenhouse, wine, and miscellaneous vegetable products.

Michigan agricultural exports: Top 10 destinations, 2005-2006¹

Country	2005 <i>Thousand dollars</i>	2006 <i>Thousand dollars</i>
Canada	190,213	178,052
Mexico	18,143	25,045
Japan	8,167	6,289
Austria	3,365	2,771
United Kingdom	2,111	2,110
Saudi Arabia	0	1,317
Guatemala	1,662	1,245
Italy	4,072	1,219
Taiwan	641	831
Australia	1,288	805

¹ Source: U.S. Department of Commerce, International Trade Administration, www.ita.doc.gov.